

# BookletChart™

## Port Huron to Point aux Barques

NOAA Chart 14862

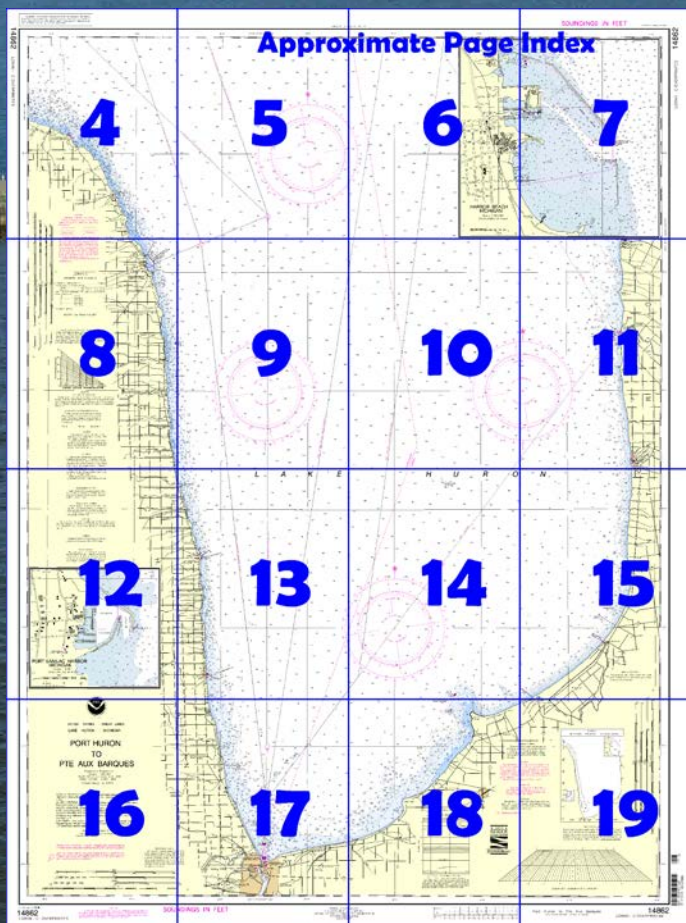


*A reduced-scale NOAA nautical chart for small boaters*

*When possible, use the full-size NOAA chart for navigation.*



- Complete, reduced-scale nautical chart
- Print at home for free
- Convenient size
- Up-to-date with Notices to Mariners
- Compiled by NOAA's Office of Coast Survey, the nation's chartmaker



**Published by the**  
**National Oceanic and Atmospheric Administration**  
**National Ocean Service**  
**Office of Coast Survey**  
[www.NauticalCharts.NOAA.gov](http://www.NauticalCharts.NOAA.gov)  
**888-990-NOAA**

### What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

### What is a BookletChart™?

This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at <http://www.NauticalCharts.NOAA.gov>.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

### Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.

For latest Coast Pilot excerpt visit the Office of Coast Survey website at <http://www.nauticalcharts.noaa.gov/nsd/searchbychart.php?chart=14862>



#### (Selected Excerpts from Coast Pilot)

The S end of Lake Huron in the approach to the head of the St. Clair River is obstructed by an extensive shoal area. A dredged channel, maintained at the Federal project depth of 30 feet, leads S for about 6 miles through the shoals to the head of the river. The channel is marked by lighted buoys and a **180.3°** lighted range at Point Edward, Ont. A racon is at the front light. Lake Huron Cut Lighted Buoy 12 marks the entrance to the

channel from Lake Huron. Lake Huron Cut Light 7, about 2.2 miles from the entrance, is equipped with a racon.

**Fort Gratiot Light** (43°00.4'N., 82°25.4'W.), 82 feet above the water, is shown from a white brick conical tower on the W side of the head of St. Clair River. Port Huron Coast Guard Station is close S of the light. A **regulated navigation area** has been established off the Coast Guard Station. (See **33 CFR 165.1 through 165.13 and 165.920**, chapter 2, for limits and regulations.)

From the head of the St. Clair River NNW for 19 miles to Lexington, the shore is low. In this stretch, the lake bottom is generally rocky with depths to 18 feet extending 1.3 miles offshore. A shoal with a least depth of 12 feet is 0.9 mile NE of the mouth of **Burtch Creek**, 7 miles S of Lexington. A 16-foot diameter potable water intake extends from shore 5.7 miles NNW of Fort Gratiot Light NE for 5 miles to a crib covered 38 feet. A wreck, covered 29 feet, is 10.7 miles NNE of Fort Gratiot Light.

**Lexington, Mich.**, is an artificial harbor 19 miles NNW of the head of St. Clair River.

**Port Sanilac, Mich.**, an artificial harbor used by pleasure craft, is on the W shore of Lake Huron about 30 miles N of the head of St. Clair River. An elevated blue tank just N of the harbor is prominent from lakeward.

**Port Sanilac Light** (43°25.8'N., 82°32.4'W.) is shown from a white octagonal tower in the village, SW of the harbor basin.

A marina developed by the Michigan State Waterways Commission is on the W side of the harbor basin. A private marina is in the basin. Transient berths, gasoline, diesel fuel, water, electricity, haul-out facilities, sewage pumpout, launch ramp, and harbormaster services are available. The harbormaster monitors VHF-FM channels 16 and 9. The private marina also provides a 20-ton hoist, and hull, engine, and electronic repairs.

The private marina also provides a launching ramp, a 20-ton hoist, and hull, engine, and electronic repairs.

**Forester, Mich.**, 5 miles N of Port Sanilac, can be identified by two church spires close to shore. There are no docks; shoals, rocks, and dock ruins render navigation hazardous. Landing should not be attempted without local knowledge.

**Forestville, Mich.**, about 16 miles N of Port Sanilac, can be identified by the spire of a small white church. A rock jetty with a launching ramp on its N side extends about 200 feet from shore at the village. There is excellent holding ground SE of the jetty in 30 feet.

From Forestville N to Harbor Beach numerous submerged rocks extend as much as 0.7 mile offshore.

**Harbor Beach, Mich.**, is an artificial harbor about 60 miles N of the head of the St. Clair River. It is an important harbor of refuge for large vessels on the W shore of Lake Huron. A 300-foot stack at the powerplant in the N part of the harbor is prominent.

**Harbor Beach Light** (43°50.7'N., 82°37.9'W.), 54 feet above the water, is shown from a white conical tower on the N side of the harbor entrance. A fog signal is at the light.

Small craft can enter the harbor through a gap in the N breakwater. In 1966, the controlling depth in the gap was 7 feet in the E half and 5 feet in the W half. Small craft with local knowledge can enter the harbor at the S end; a depth of about 3 feet can be carried, taking care to avoid shoals and a wreck covered 1 foot off the S end of the S breakwater.

Two wrecks in the harbor, covered 6 feet and 1 foot, are about 0.6 mile WNW and WSW of Harbor Beach Light, respectively.

**Harbor Beach, Mich. Dangers.**—Two wrecks in the harbor, covered 6 feet and 1 foot, are about 0.6 mile WNW and WSW of Harbor Beach Light, respectively.

### U.S. Coast Guard Rescue Coordination Center 24 hour Regional Contact for Emergencies

RCC Cleveland

Commander

9th CG District

Cleveland, OH

(216) 902-6117



# Navigation Managers Area of Responsibility



**NOAA's navigation managers** serve as ambassadors to the maritime community.

They help identify navigational challenges facing professional and recreational mariners, and provide NOAA resources and information for safe navigation. For additional information, please visit [nauticalcharts.noaa.gov/service/navmanagers](http://nauticalcharts.noaa.gov/service/navmanagers)

To make suggestions or ask questions online, go to [nauticalcharts.noaa.gov/inquiry](http://nauticalcharts.noaa.gov/inquiry).

To report a chart discrepancy, please use [ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx](http://ocsdata.ncd.noaa.gov/idrs/discrepancy.aspx).

## Lateral System As Seen Entering From Seaward

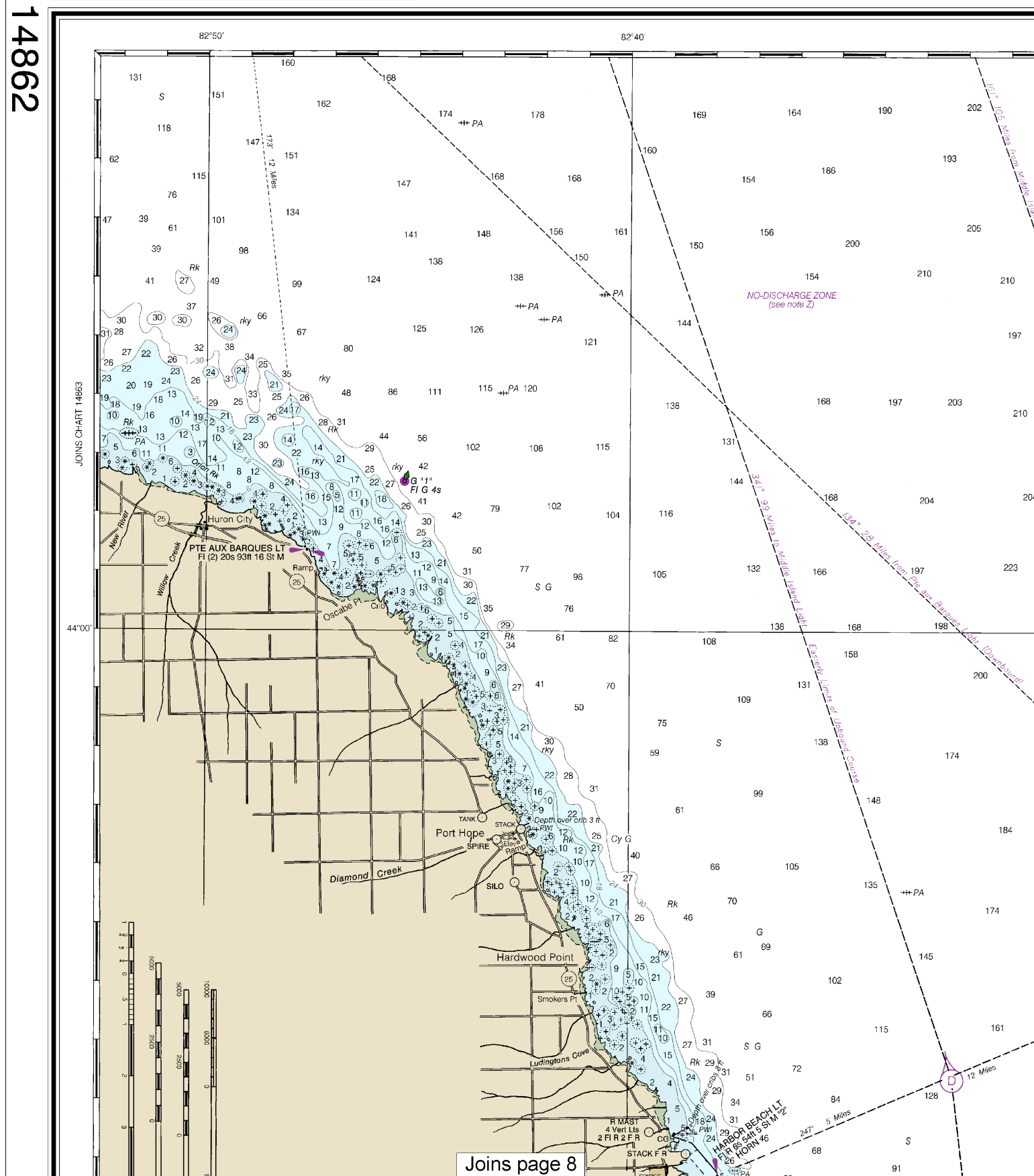
on navigable waters except Western Rivers



For more information on aids to navigation, including those on Western Rivers, please consult the latest USCG Light List for your area.

These volumes are available online at <http://www.navcen.uscg.gov>

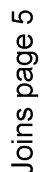
14862



Joins page 6

Joins page 9

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:160000. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.



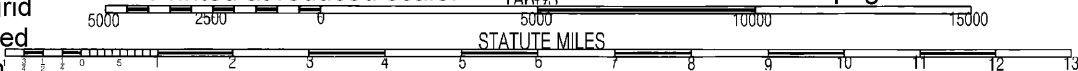
Joins page 10

Joins page 10

YARDS

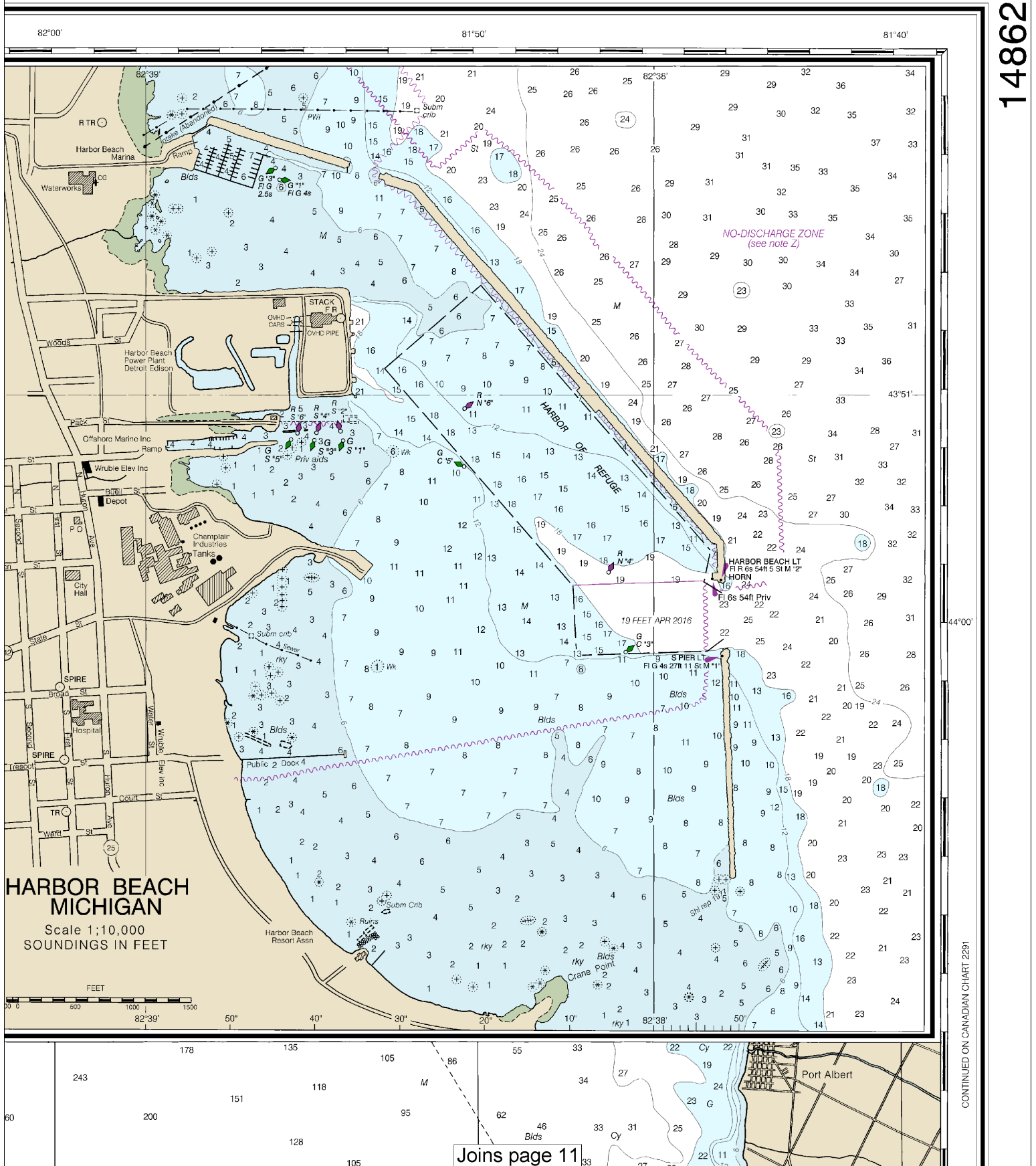
STATUTE MILES

Note: Chart grid lines are aligned with true north.



# SOUNDINGS IN FEET

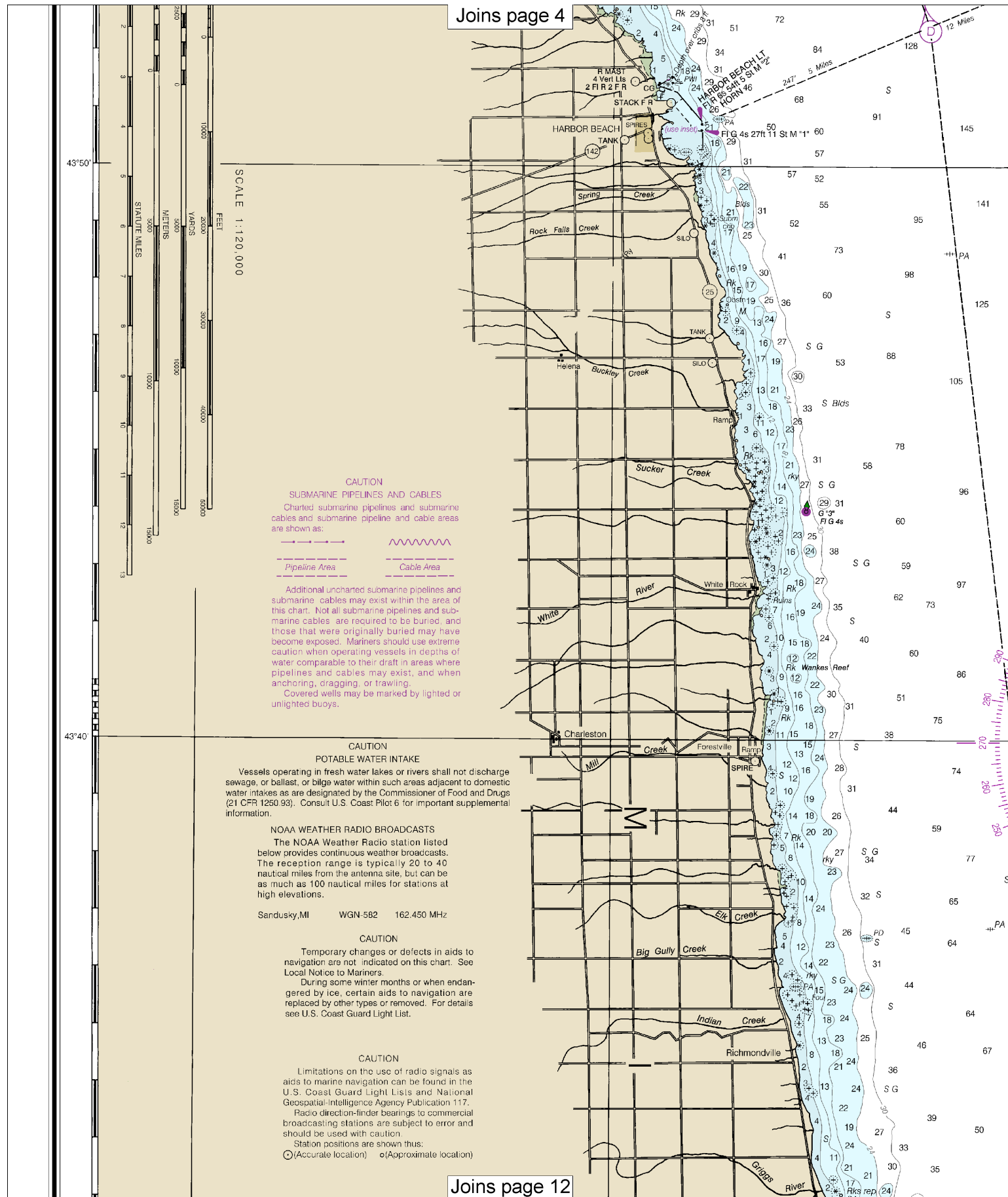
14862



Last Correction: 10/5/2016. Cleared through:  
 LNM: 4616 (11/15/2016), NM: 4616 (11/12/2016), CHS: 1016 (10/28/2016)

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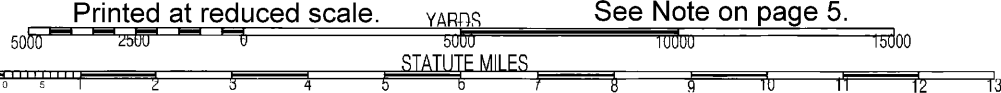
Joins page 4



8

Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

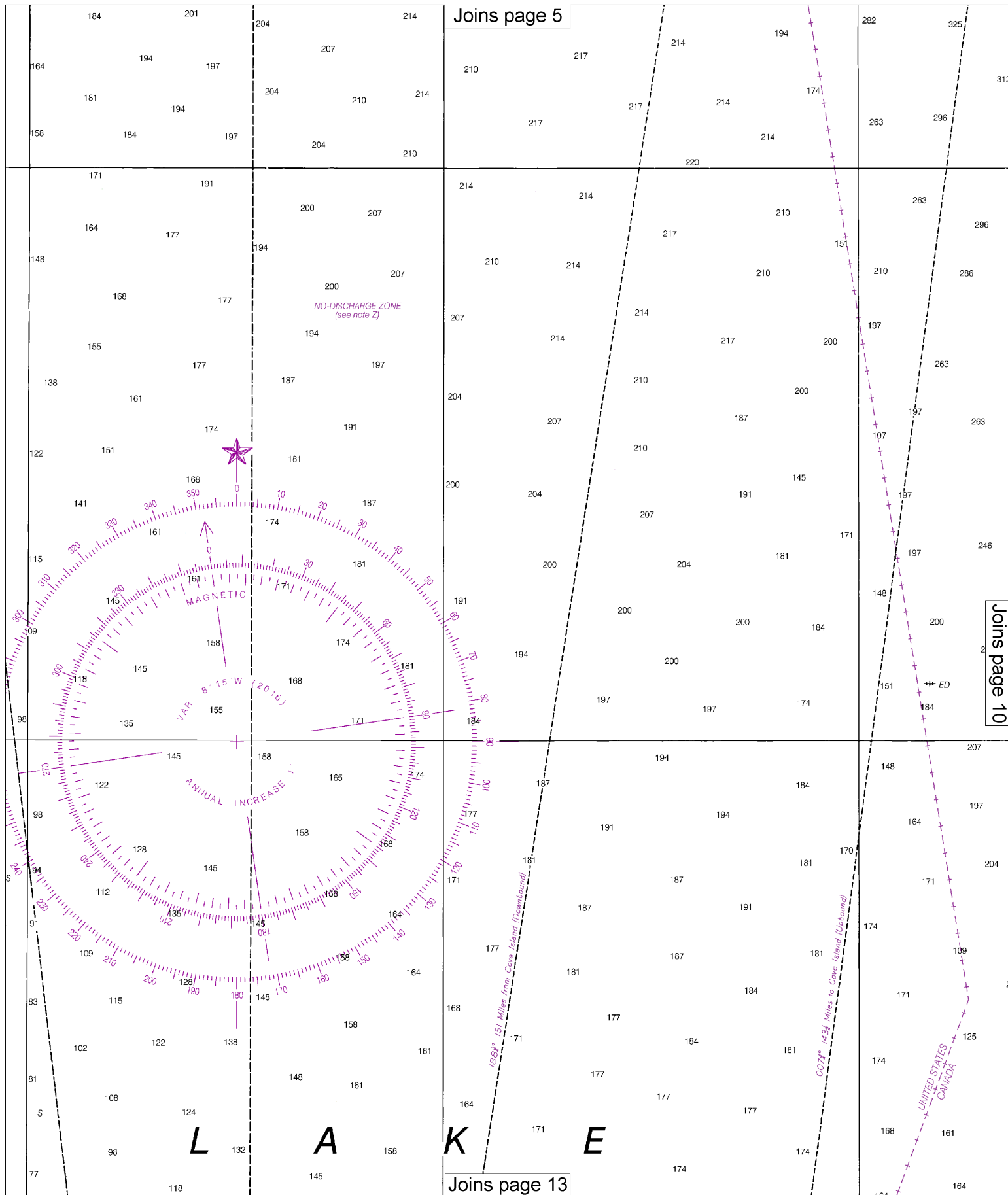


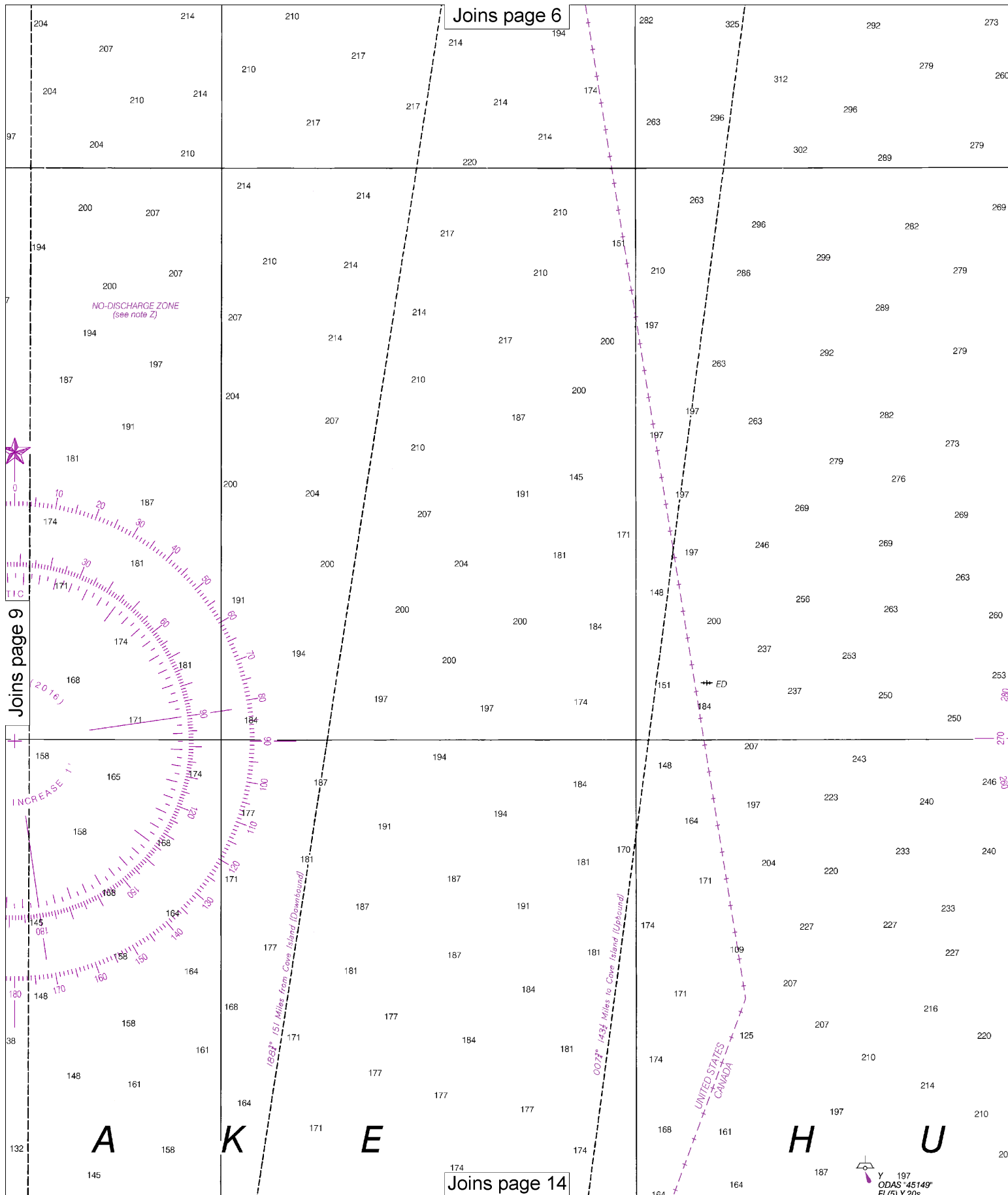
See Note on page 5.



Joins page 13

Joins page 13





10

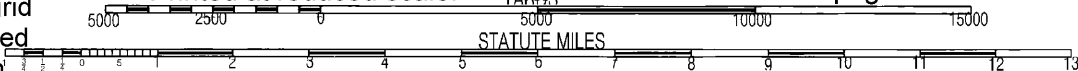
Note: Chart grid  
lines are aligned  
with true north.

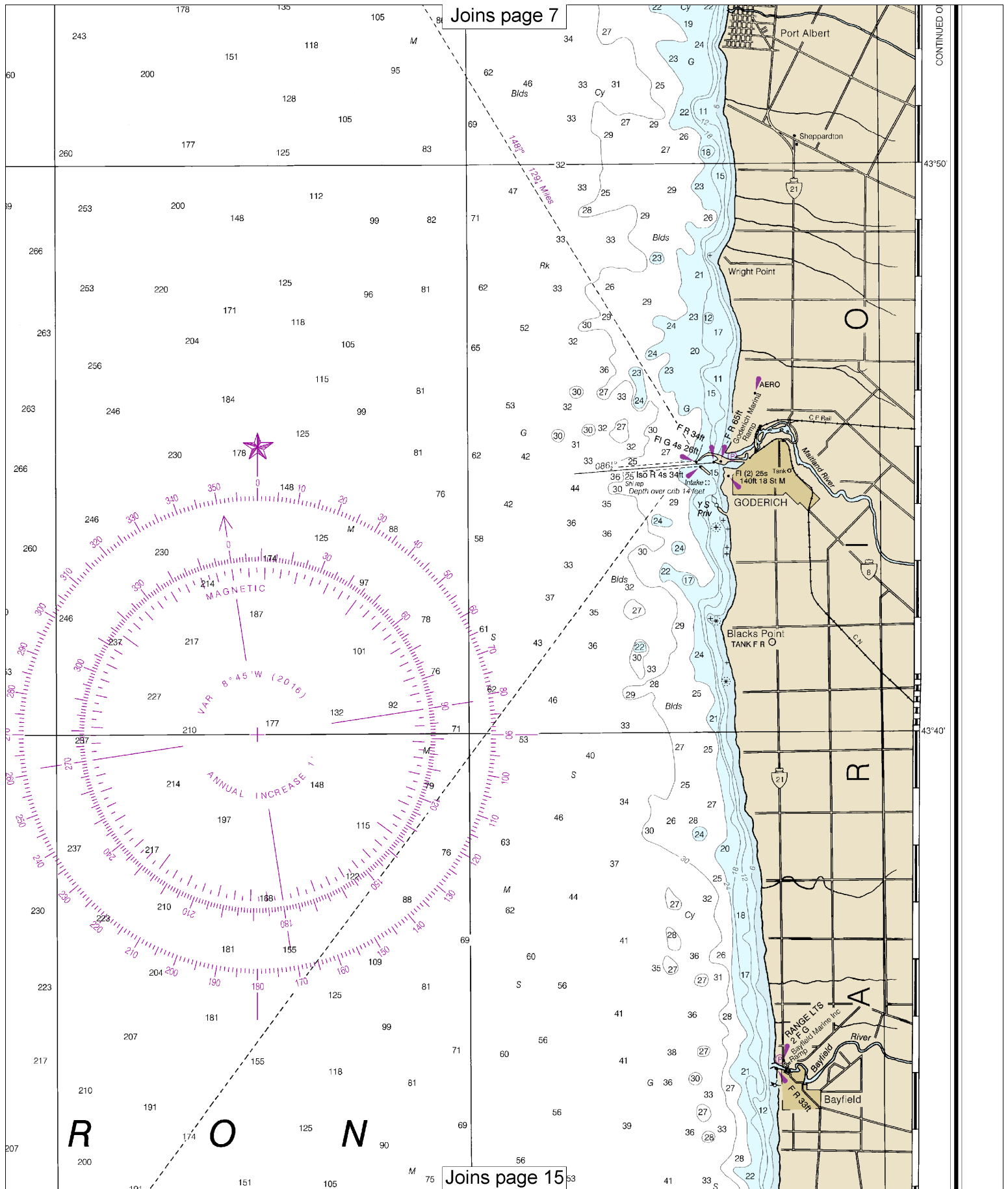
Printed at reduced scale.

YARDS

See Note on page 5.

STATUTE MILES





aids to marine navigation can be found in U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publications. Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution. Station positions are shown thus:  
 (•) (Accurate location) (•) (Approximate location)

Joins page 8

#### RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

#### POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

#### CAUTION

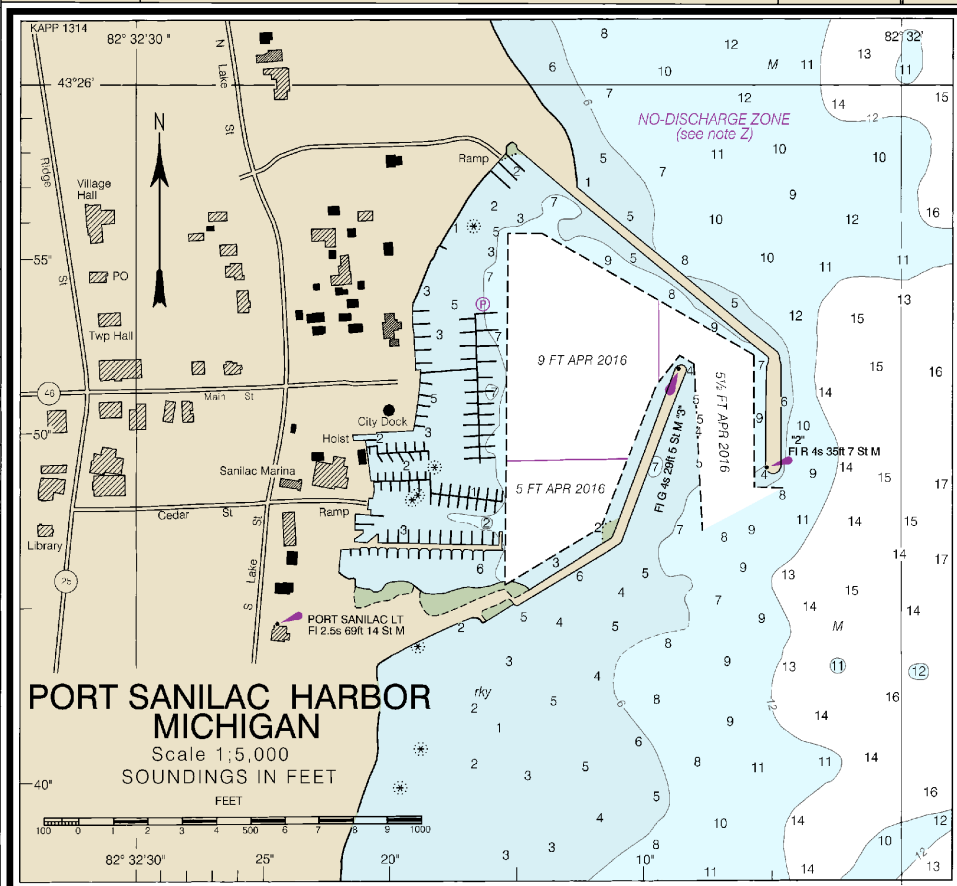
Due to periodic high water conditions in the Great Lakes, some features charted as visible at Low Water Datum may be submerged, particularly in the near shore areas. Mariners should proceed with caution.

#### CAUTION

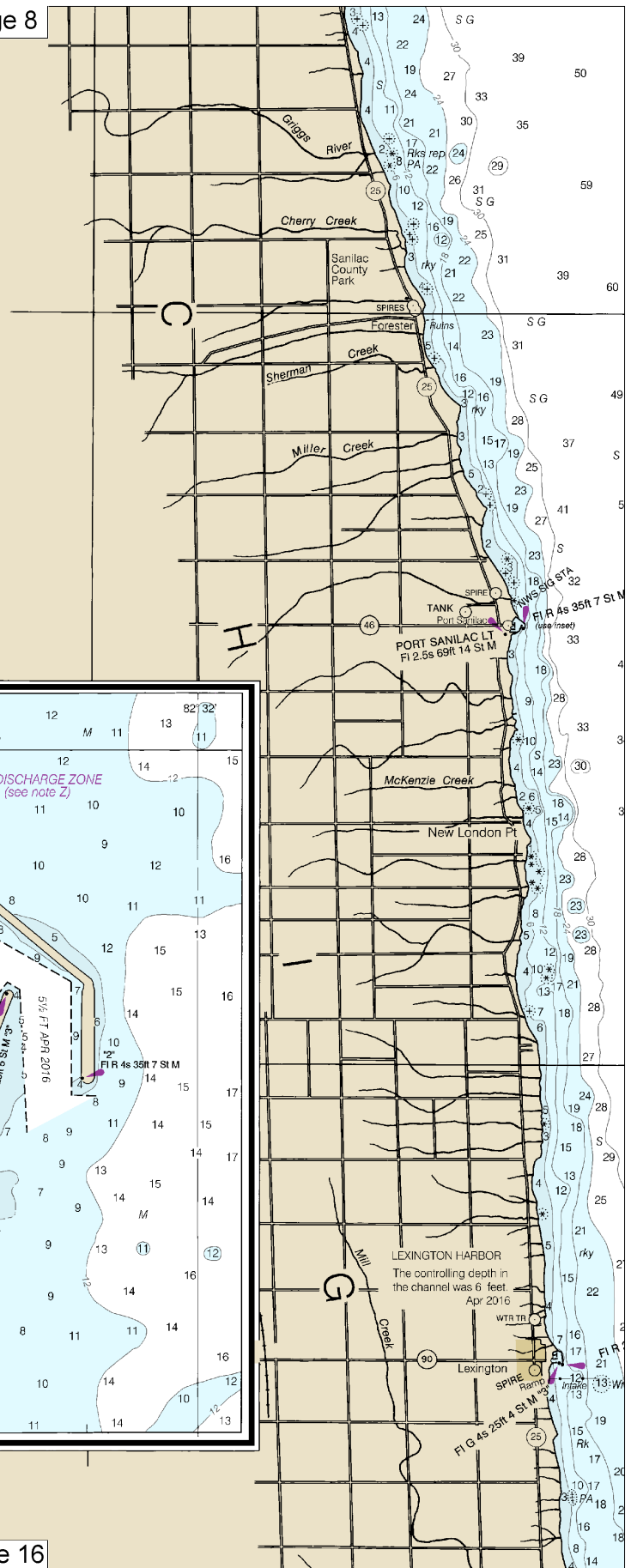
Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

#### RACING BUOYS

Racing buoys within the limits of this chart are not shown hereon. Information may be obtained from the U.S. Coast Guard District Offices as racing and other private buoys are not all listed in the U.S. Coast Guard Light List.



Joins page 16



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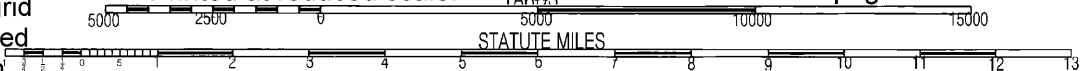
Note: Chart grid lines are aligned with true north.

Printed at reduced scale.

YARDS

See Note on page 5.

STATUTE MILES





Joins page 9

Joins page 14

Joins page 17

Note: Chart grid lines are aligned with true north.

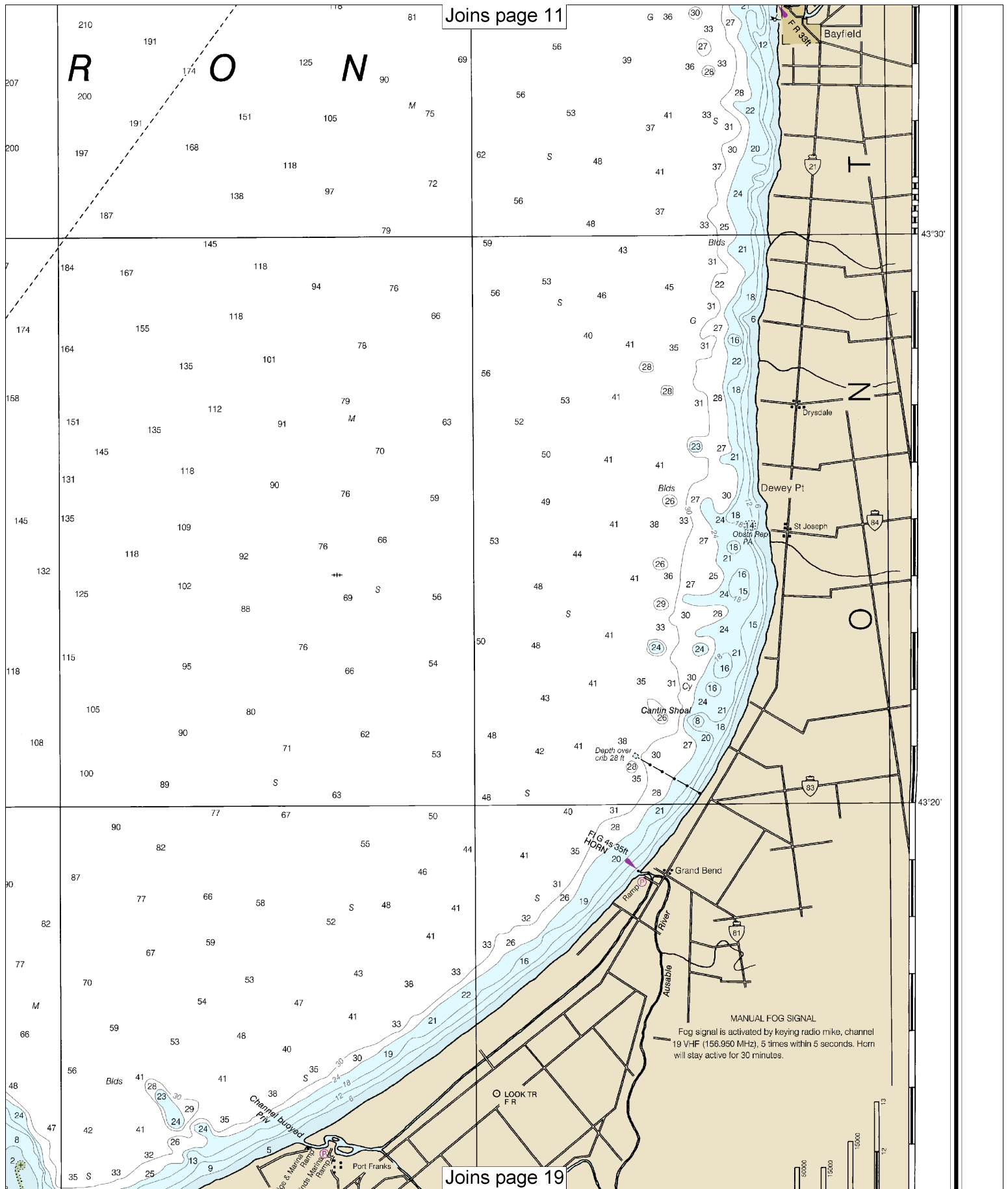
Printed at reduced scale.

YARDS

See Note on page 5.

STATUTE MILES







THE NATION'S CHARTMAKER SINCE 1807

UNITED STATES - GREAT LAKES  
LAKE HURON - MICHIGAN

# PORT HURON TO PTE AUX BARQUES

Polyconic Projection  
Scale 1:120,000  
North American Datum of 1983  
(World Geodetic System 1984)

SOUNDINGS IN FEET

## NOTES

PLANE OF REFERENCE OF THIS CHART (Low Water Datum) ..... 577.5 ft.  
Referred to mean water level at Rimouski, Quebec, International Great Lakes Datum (1985).

SAILING DIRECTIONS. Bearings of sailing courses are true and distances given thereon are in statute miles between points of departure.

AIDS TO NAVIGATION. Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation. See Canadian List of Lights, Buoys and Fog Signals for information not included in the U.S. Coast Guard Light List.

SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.

AUTHORITIES. Hydrography and topography by the National Ocean Service, Coast and Geodetic Survey, with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and Canadian authorities.

## SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 6 for important supplemental information.

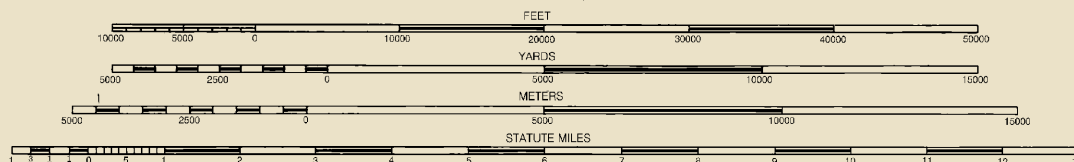
Sailing courses and limits indicated in magenta are recommended by the Lake Carriers Association and the Canadian Shipowners Association.

Vessel Traffic Service calling-in point; arrow indicates direction of vessel movement. Mandatory calling-in points are identified numerically. Voluntary calling-in points are identified alphabetically. For additional information see U.S. Coast Pilot 6 and the U.S. and Canadian Notice to Mariners.

## HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.085" northward and 0.267" eastward to agree with this chart.

SCALE 1:120,000



82°50'

82°40'

29th Ed., May 2016

14862

## CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at [nauticalcharts.noaa.gov](http://nauticalcharts.noaa.gov).

Last Correction: 10/5/2016. Cleared through:

LNM: 4616 (11/15/2016), NM: 4616 (11/12/2016), CHS: 1016 (10/28/2016)

SOUNDINGS IN FEET

16

Note: Chart grid  
lines are aligned  
with true north.

Printed at reduced scale.

YARDS

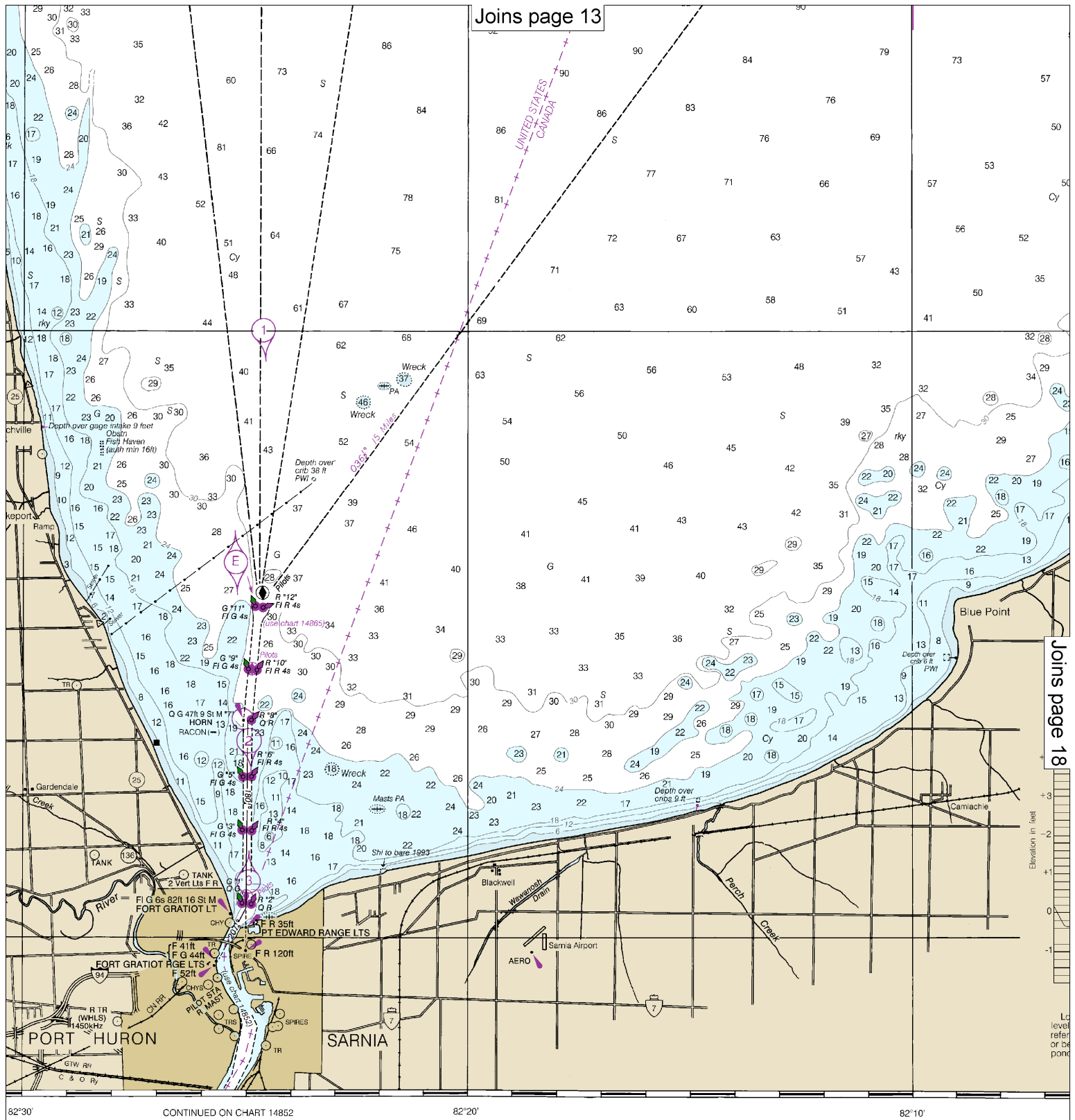
See Note on page 5.

5000 2500 0 5000 10000 15000

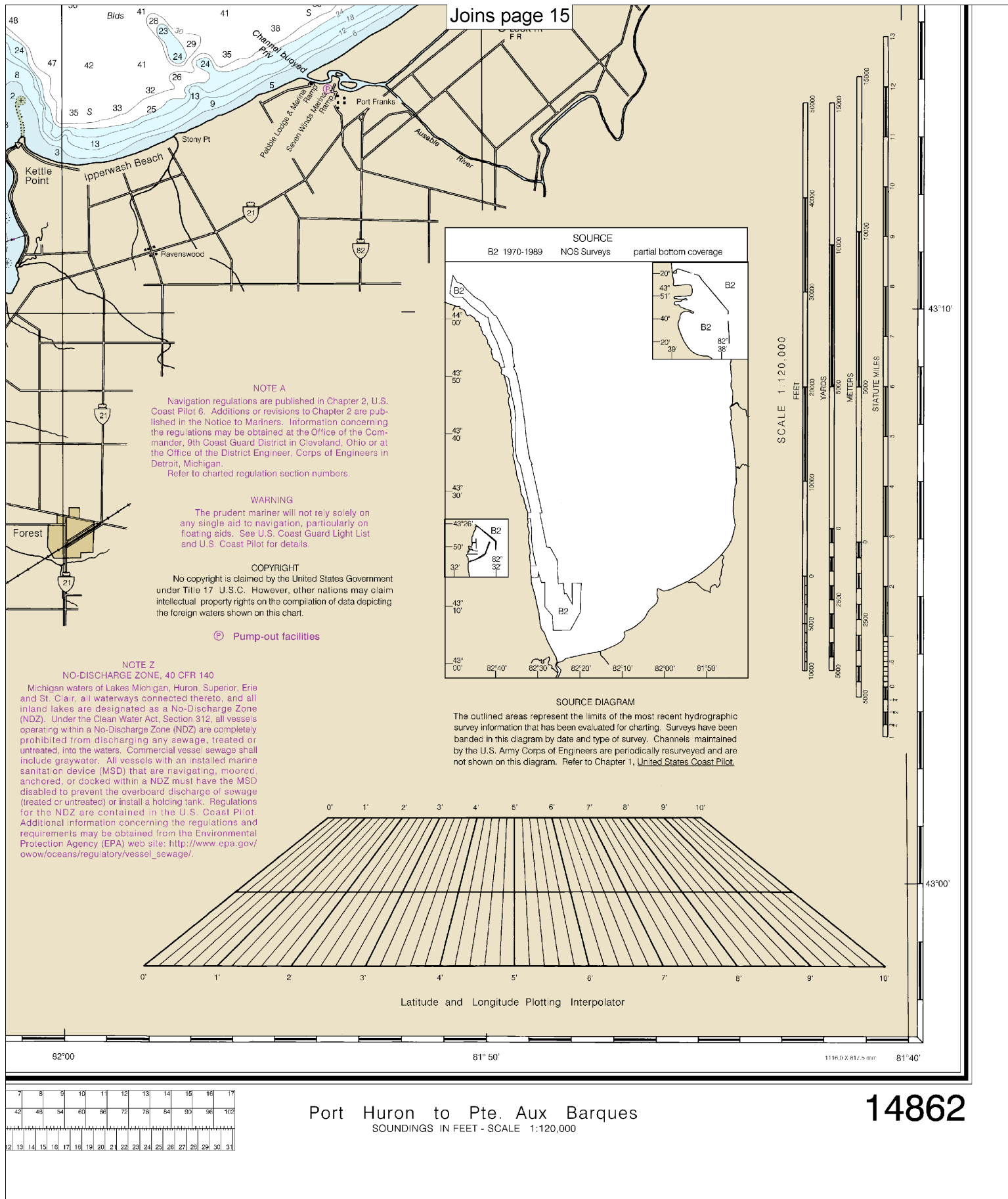
STATUTE MILES

1 2 3 4 5 6 7 8 9 10 11 12 13





FATHOMS	1	2	3	4	5	6
FEET	6	12	18	24	30	36
METERS	1	2	3	4	5	6





EMERGENCY INFORMATION

## VHF Marine Radio channels for use on the waterways:

**Channel 6** – Inter-ship safety communications.

**Channel 9** – Communications between boats and ship-to-coast.

**Channel 13** – Navigation purposes at bridges, locks, and harbors.

**Channel 16** – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other

vessels. Contact the other vessel, agree to another channel, and then switch.

**Channel 22A** – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.

**Channels 68, 69, 71, 72 and 78A** – Recreational boat channels.

**Getting and Giving Help** — Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.



**NOAA Weather Radio All Hazards (NWR)** is a nationwide network of radio stations broadcasting continuous weather information directly from the nearest National Weather Service office. NWR broadcasts official Weather Service warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week.

<http://www.nws.noaa.gov/nwr/>

## Distress Call Procedures

- Make sure radio is on.
- Select Channel 16.
- Press/Hold the transmit button.
- Clearly say: "MAYDAY, MAYDAY, MAYDAY."
- Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
- Release transmit button.
- Wait for 10 seconds — If no response Repeat MAYDAY call.

**HAVE ALL PERSONS PUT ON LIFE JACKETS!**

## Quick References

Nautical chart related products and information	—	<a href="http://www.nauticalcharts.noaa.gov">http://www.nauticalcharts.noaa.gov</a>
Interactive chart catalog	—	<a href="http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml">http://www.charts.noaa.gov/InteractiveCatalog/nrnc.shtml</a>
Report a chart discrepancy	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx">http://ocsddata.ncd.noaa.gov/idrs/discrepancy.aspx</a>
Chart and chart related inquiries and comments	—	<a href="http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs">http://ocsddata.ncd.noaa.gov/idrs/inquiry.aspx?frompage=ContactUs</a>
Chart updates (LNM and NM corrections)	—	<a href="http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html">http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html</a>
Coast Pilot online	—	<a href="http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm">http://www.nauticalcharts.noaa.gov/nsd/cpdownload.htm</a>
Tides and Currents	—	<a href="http://tidesandcurrents.noaa.gov">http://tidesandcurrents.noaa.gov</a>
Marine Forecasts	—	<a href="http://www.nws.noaa.gov/om/marine/home.htm">http://www.nws.noaa.gov/om/marine/home.htm</a>
National Data Buoy Center	—	<a href="http://www.ndbc.noaa.gov/">http://www.ndbc.noaa.gov/</a>
NowCoast web portal for coastal conditions	—	<a href="http://www.nowcoast.noaa.gov/">http://www.nowcoast.noaa.gov/</a>
National Weather Service	—	<a href="http://www.weather.gov/">http://www.weather.gov/</a>
National Hurricane Center	—	<a href="http://www.nhc.noaa.gov/">http://www.nhc.noaa.gov/</a>
Pacific Tsunami Warning Center	—	<a href="http://ptwc.weather.gov/">http://ptwc.weather.gov/</a>
Contact Us	—	<a href="http://www.nauticalcharts.noaa.gov/staff/contact.htm">http://www.nauticalcharts.noaa.gov/staff/contact.htm</a>



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